

Substitute for form 1449A/B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	Not Yet Assigned 12810-00151-19
		Filing Date	Concurrently Herewith
		First Named Inventor	Bernhard Hauer
		Art Unit	N/A 1657
		Examiner Name	Not Yet Assigned LILLING
		Attorney Docket Number	12810-00151-US
Sheet	1	of	2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/HJL	CA	Schwaneberg, U. et al., "A Continuous Spectrophotometric Assay for P450 BM-3, a Fatty Acid Hydroxylating Enzyme, and Its Mutant F87A", Analytical Biochemistry 269 (1999), pp. 359-366.	
	CB	Ost, T. W. B. et al., "Rational Re-design of the Substrate Binding Site of Flavocytochrome P450 BM3", FEBS Letters 486 (2000), pp. 173-177.	
	CC	Miles, C. S. et al., "Protein Engineering of Cytochromes P-450", Biochimica et Biophysica Acta 1543 (2000), pp. 383-407.	
	CD	Maurer, S. C. et al., "Immobilisation of P450 BM-3 and an NADP Cofactor Recycling System: Towards a Technical Application of Heme-Containing Monooxygenases in Fine Chemical Synthesis", Adv. Synth. Catal. 345 (2000), pp. 802-810.	
	CE	Wen, L-P. et al., "Cloning of the Gene Encoding a Catalytically Self-sufficient Cytochrome P-450 Fatty Acid Monooxygenase Induced by Barbiturates in <i>Bacillus megaterium</i> and Its Functional Expression and Regulation in Heterologous (<i>Escherichia coli</i>) and Homologous (<i>Bacillus megaterium</i>) Hosts", The Journal of Biological Chemistry 262(14) (1987), pp. 6676-6682.	
	CF	Fulco, A. J. et al., "Occurrence of a Barbiturate-Inducible Catalytically Self-Sufficient 119,000 Dalton Cytochrome P-450 Monooxygenase in Bacilli", Life Sciences 40 (1987), pp. 1769-1775.	
	CG	Iwuhaha, E. I. et al., "Reactivities of Organic Phase Biosensors 3: Electrochemical Study of Cytochrome P450cam Immobilized in a Methyltriethoxysilane Sol-Gel", Electroanalysis 12(12) (2000), pp. 980-986.	
	CH	Li, Q-S. et al., "Rational Evolution of a Medium Chain-Specific Cytochrome P-450 BM-3 Variant", Biochimica et Biophysica Acta 1545 (2001), pp. 114-121.	
	CI	Li, Q-S. et al., "Engineering Cytochrome P450 BM-3 for Oxidation of Polycyclic Aromatic Hydrocarbons", Applied and Environmental Microbiology 67(12) (2001), pp. 5735-5739.	
	CJ	Appel, D. et al., "A P450 BM-3 Mutant Hydroxylates Alkanes, Cycloalkanes, Arenes and Heteroarenes", Journal of Biotechnology 88 (2001), pp. 167-171.	
/HJL	CK	Gill, I., "Bio-doped Nanocomposite Polymers: Sol-Gel Bioencapsulates", Chem. Mater. 13 (2001), pp. 3404-3421.	

Examiner Signature	/Herbert Lilling/ (11/21/2007)	Date Considered	11/21/2007
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	Not Yet Assigned 719		
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		First Named Inventor	Bernhard Hauer		
		Art Unit	N/A 1657		
		Examiner Name	Not Yet Assigned LILLING		
Sheet	2	of	2	Attorney Docket Number	12810-00151-US

/HJL/	CL	Farinas, E. T. et al., "Directed Evolution of a Cytochrome P450 Monooxygenase for Alkane Oxidation", Adv. Synth. Catal. 343 (2001), pp. 601-607.	
	CM	Urlacher, V. B. et al., "Microbial P450 Enzymes in Biotechnology", Appl. Microbiol. Biotechnol. 64 (2004), pp. 317-325.	
	CN	Seelbach, K. et al., "A Novel, Efficient Regenerating Method of NADPH Using a New Formate Dehydrogenase", Tetrahedron Letters, 37(9) (1996), pp. 1377-1380.	
	CO	Tishkov, V. I. et al., "Pilot Scale Production and Isolation of Recombinant NAD ⁺ and NADP ⁺ - Specific Formate Dehydrogenases", Biotechnol. Bioeng. 64 (1999), pp. 187-193.	
	CP	Urlacher, V. et al., "Biotransformations Using Prokaryotic P450 Monooxygenases", Curr. Opin. Biotechnol. 13 (2002), pp. 557-564.	
	CQ	Li, Q-S. et al., "Directed Evolution of the Fatty-Acid Hydroxylase P450 BM-3 into an Indole-Hydroxylating Catalyst", Chem. Eur. J. 6(9) (2000), pp. 1531-1536.	
/HJL/	CR	Li, Q-S. et al., "Residue Size at Position 87 of Cytochrome P450 BM-3 Determines Its Stereoselectivity in Propylbenzene and 3-chlorostyrene Oxidation", FEBS Letters 508 (2001), pp. 249-252.	

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